Abstract

A vacuum drainage system operable to remove waste from a source. The system includes an accumulator in fluid communication with the source and a substantially vertical riser having a first portion in fluid communication with the accumulator and a second portion downstream of the first portion and in fluid communication with a vacuum source. A first valve is disposed between the first portion and the second portion. The first valve is selectively operable to provide fluid communication between the first portion and the vacuum source. An air inlet is disposed a distance downstream of the first valve and is selectively operable to provide fluid communication between the outside atmosphere and the second portion.